

Sudhanshu Prajapati

Software Engineer

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EDUCATION

- **University Of Lucknow** Lucknow, India
Bachelor of Engineering in Computer Science and Engineering; CGPA: 8.5/10.0 Aug. 2017 – July. 2021
- **Jawahar Navodaya Vidyalaya** Firozabad, India
Intermediate Education; Percentage: 84.80 % April 2015 – May 2016

EXPERIENCE

- **Atlan** Remote
Software Engineer I Aug 2021 - Present
 - **Ownership:** Owning a Core Atlan Product Offering (Data Lineage), Reason behind Many closed deals.
 - **Optimizations:** Optimized Run-time of end-to-end pipeline, built over Python*Backend Engineer Intern* Sept 2020 - Aug 2021
 - **Data Lineage:** One of the complex problem in Data world, picked up the problem in first months and redesign the whole pipeline within a week.
 - **Integrations:** Built Core Integration used by many clients so far i.e Looker & DBT. Built one Integrations within 3 days with no issues with 100% reliability + Scalability.
 - **Workflows:** Built Argo workflows to run custom jobs + scheduled job over Kubernetes cluster for Air gapped deployments.
 - **Clients Deliverable:** Handling day to day clients Deliverable within the timeline promised to customers.
 - **APIs:** Built API's which are used to handle trigger Argo multiple jobs based on configs.
 - **Scripting:** Built Custom Scripts essential to Business Logic within a day without issues.
 - **Micro-Service:** Deployed a micro-service which now a dependant service to others i.e Parser as a Service - Built over Flask
 - **Observability:** Enabled Metric Sink in large data pipelines.
- **TCS** Remote
Intern May 2020 - August 2020
 - **Research:** Understanding Text Recognition Problem in real world and how to improve model accuracy.
 - **Project:** Automate Detection of Different Sentiments from Paragraphs and Predict Overall Sentiment
 - **Project Accuracy was 96% :** Built LSTM Deep learning neural network to properly categorize the paragraph Sentiment
- **CETPA INFO TECH** Lucknow
Trainee Jun. 2019 - July. 2019
 - **Medicine Scraper:** Built Scraper using BeautifulSoup, crawled more than 100+ Sites Medicine
 - **PYQT GUI:** Build Desktop GUI using PYQT5 Library - Allow Production Ready Desktop App

SKILLS

Languages: Python | GoLang | Javascript | C | SQL | Java | Kotlin

Platforms: AWS | Google Cloud Platform | Linux | Windows

Frameworks: Kafka | RabbitMQ | Django | FastAPI | Echo Go | Celery

Dev Tools/Stack: PyCharm | Docker | VsCode | Argo | K8s | Git & Github

Database: PostgreSQL | Redis | Cassandra | MongoDB | MySQL

Soft Skills: Leadership | Ownership | ATD | Logical Reasoning | Bias for Action

PROJECTS

- **Employee Leave Management aka Keka :- {Django | Postgres | Rest API}**: Allow Manager/Administrator to approve and rejects, Leave Requests applied by employee in a Company
- **Unagi -Personal Medical Fitness :- {Rest API | PYQT5 | AWS | OpenCV2 | Web Scrapping| Postgres | Desktop App}**:
Find Calories and Diet Plan using Computer Vision & Allow user to Medicine Info via Smart Capture. User Can look for Medicine alternatives able to know uses & dosages

ACHIEVEMENTS

- **Rank 206 out of 5164 - Hackerearth** December 2020 | Machine Learning Challenge Predict Employee Attrition Rate
- **Scholarship 2020 - SV.Co** March 2020 - Project by UNICEF | Facebook School of Innovation AR Open Program
- **Udacity - Scholarship** December - 2020 | Nutanix Hybrid Cloud scholarship Phase 1

COMMUNITY WORK

- **Given Session on Intro to Django:** 300+ participants
- **Organised Machine Learning Session in collaboration with Facebook Developer Circles:** 400+ participants
- **Community Manager:** Built Community of more than 2.5k+ People
- **Open Source Contributor:** Pytorch, Looker-Open-Source, Django-ckEditor, Jazzband, Mailmerge, etc